

**IN THE CLAIMS:**

Please amend the claims, as follows:

75. (Currently amended) A method comprising:

~~receiving providing~~ an active ticket in a mobile terminal for use by a mobile terminal user; and

~~in response to a control signal, dynamically changing a ticket~~  
characteristic of the active ticket provided by the mobile terminal based on one or more states in a life cycle of the active ticket, ~~where the ticket characteristic includes multimedia changes or other presentation data, including text, sound, animation, video, still pictures, or some combination thereof, for verification by a ticket inspector.~~

76. (Currently amended) A method according to claim 75, wherein ~~the method comprises providing a request for the active ticket from the mobile terminal~~ dynamic changes to the ticket characteristic include multimedia changes or other presentation data, including text, sound, animation, video, still pictures, or some combination thereof.

77. (Previously presented) A method according to claim 75, wherein the one or more states in the life cycle include a state of being either purchased, validated, invalidated, template, pre-valid, prepared, or some combination thereof for one or more different events.

78. (Previously presented) A method according to claim 75, wherein the ticket characteristic dynamically changes based on a payment by the user of the mobile terminal.

79. (Previously presented) A method according to claim 75, wherein the ticket characteristic dynamically changes based on a predetermined time, status or combination thereof.

80. (Previously presented) A method according to claim 75, wherein the ticket characteristic dynamically changes based on a predetermined or changing geographic location.

81. (Previously presented) A method according to claim 75, wherein the ticket characteristic dynamically changes based on a purchase transaction between a user of the mobile terminal and a ticket service provider.

82. (Previously presented) A method according to claim 75, wherein a ticket service provider provides future ticket characteristic information to the mobile terminal that determines and/or activates the ticket characteristic.

83. (Previously presented) A method according to claim 82, wherein the ticket characteristic information includes ticket characteristic control data, a ticket characteristic algorithm, a Previously presented set of ticket related media or a combination thereof.

84. (Previously presented) A method according to claim 83, wherein the ticket characteristic control data includes Previously presented control data to change the ticket characteristic algorithm or other presentation data, including Previously presented parameter values.

85. (Currently amended) A method according to claim 83, wherein the ticket characteristic control data is received at a certain time ~~or and/or~~ location, or just before the ~~at least one~~ active ticket is to be used.

86. (Currently amended) A method according to claim 83, wherein the ticket characteristic control data is sent to only ~~legally~~ purchased tickets based on a respective identification code associated with a respective mobile terminal.

87. (Currently amended) A method according to claim 83, wherein the ~~at least one~~ active ticket is validated using visual or audio validation based on the ticket characteristic.

88. (Previously presented) A method according to claim 87, wherein the visual or audio validation is performed by either a human, or a machine, or some combination thereof.

89. (Previously presented) A method according to claim 82, wherein the ticket service provider provides the ticket characteristic information to the mobile terminal via the Internet or a mobile network.

90. (Currently amended) A method according to claim 82, wherein the ticket service provider provides the ticket characteristic information to the mobile terminal using a Java-based protocol, e.g. mobile information device profile MIDP-Over-the-Air approach.

91. (Previously presented) A method according to claim 82, wherein the ticket service provider controls the ticket characteristic by providing a control token, including either one based on an International Mobile Equipment Identity or a provision based on the International Mobile Equipment Identity.

92. (Previously presented) A method according to claim 87, wherein the ticket characteristic is an audio ticket characteristic and the audio validation is based a relative frequency change.

93. (Previously presented) A method according to claim 87, wherein the ticket characteristic includes an audio watermark embedded therein using a secret key.

94. (Previously presented) A method according to claim 93, wherein the audio validation is performed by a machine that uses the secret key to detect and validate the at least one active ticket by listening to the sound thereof.

95. (Previously presented) A method according to claim 93, wherein the at least one active ticket is implemented using a protocol based on Mobile electronic Transactions, including the Mobile electronic Transactions ticket format.

96. (Previously presented) A method according to claim 95, wherein the Mobile electronic Transactions ticket format contains only a template for a pre-valid active ticket.

97. (Previously presented) A method according to claim 95, wherein the mobile transaction ticket format contains valid ticket information for a valid active ticket.

98. (Previously presented) A method according to claim 97, wherein the valid ticket information is removed from the Mobile electronic Transactions ticket for a used active ticket.

99. (Currently amended) A method according to claim 75, wherein the method is implemented using an active ticket system architecture comprising the having a mobile terminal and a ticket service provider.

100. (Currently amended) A method according to claim 99, wherein the ticket service provider includes a ticket generator responsible for generating the ~~at least one~~ active ticket for the mobile terminal.

101. (Currently amended) A method according to claim 99, wherein the ticket service provider includes a ticket issuer for delivery and updating of the ~~at least one~~ active ticket, or upgrading an active ticket application at the mobile terminal.

102. (Previously presented) A method according to claim 99, wherein the ticket service provider includes a memory device or database for ticket data and user information and logs.

103. (Previously presented) A method according to claim 99, wherein the mobile terminal includes a mobile active ticket application that is the active ticket installed and run on the mobile terminal.

104. (Currently amended) A method according to claim 99, wherein the

mobile terminal includes a ticket transaction module, which is configured to  
could support various payment methods, including a credit or debit card, or  
short messaging service based micropayment, for terminal user's preference,  
for supporting ticket purchases.

105. (Currently amended) A method according to claim 75, wherein the

~~at least one~~ active ticket includes several active tickets.

106. (Previously presented) A method according to claim 105, wherein

each of the several active tickets includes several different events.

107. (Previously presented) A method according to claim 105, wherein

each active ticket includes a respective series of life cycles.

108. (Previously presented) A method according to claim 105, wherein

the ticket service provider sends commands or media to the mobile terminal  
using a broadcast encryption technique.

109. (Currently amended) A method according to claim 108, wherein

the broadcast encryption technique includes the following steps:

generating with a ticket issuer a root key, which can derive a number of seed keys;

distributing the seed keys to users before issuing the active ticket;

broadcasting a command encryption by the root key to indicate which of the seed keys can be used for decryption based on data managed by the ticket service provider; and

allowing a user who is holding a valid seed key, which are allowed to decrypt the command package, to decrypt a command package and upgrade the ticket characteristic to a valid one.

110. (Previously presented) A method according to claim 105, wherein the ticket service provider sends commands or media to the mobile terminal using a push by request technique, including requesting payment or other measures from the mobile terminal user to upgrade the ticket characteristic.



111. (Currently amended) A method according to claim 110, wherein

the push by request technique includes the following steps:

providing in an active ticket application a ticket provider's public key certificate;

signing any command by the ticket service provider and verifying the same by the active ticket application; and

changing the ticket status of an indicated active ticket based on the content inside a valid command.

112. (Previously presented) A method according to claim 105, wherein the mobile terminal sends the ticket service provider a short message service signal containing payment data in order to make the payment.

113. (Previously presented) A method according to claim 82, wherein the ticket characteristic information includes a uniform resource locator address where to download a ticket file containing information related to the ticket characteristic.

114. (Previously presented) A method according to claim 113, wherein the mobile terminal saves the ticket file.

115. (Previously presented) A method according to claim 113, wherein the mobile terminal saves information related to how/where to start an active ticket application.

116. (Currently amended) A mobile terminal comprising:

a mobile active ticket application module configured to receive an  
provide one or more active ticket tickets for use by a mobile terminal user, and  
in response to a control signal, wherein at least one active ticket of said one  
or more active tickets has dynamically change a ticket characteristic of the  
active ticket provided by the mobile terminal that dynamically changes based  
on one or more states in a life cycle of the at least one active ticket, where the  
ticket characteristic includes multimedia changes or other presentation data,  
including text, sound, animation, video, still pictures, or some combination  
thereof, for verification by a ticket inspector.

117. (Currently amended) A mobile terminal according to claim 116,

wherein the mobile active ticket application module is configured to provide a  
request for the active ticket dynamic changes to the ticket characteristic  
include multimedia changes or other presentation data, including text, sound,  
animation, video, still pictures, or some combination thereof.

118. (Previously presented) A mobile terminal according to claim 116,

wherein the one or more states in the life cycle include a state of being either  
purchased, validated, invalidated, template, pre-valid, prepared, or some  
combination thereof for one or more different events.

119. (Previously presented) A mobile terminal according to claim 116, the ticket characteristic dynamically changes based on a payment by the user of the mobile terminal.

120. (Previously presented) A mobile terminal according to claim 116, wherein the ticket characteristic dynamically changes based on a predetermined time, status or combination thereof.

121. (Previously presented) A mobile terminal according to claim 116, wherein the ticket characteristic dynamically changes based on a predetermined or changing geographic location.

122. (Previously presented) A mobile terminal according to claim 116, wherein the ticket characteristic dynamically changes based on a purchase transaction between a user of the mobile terminal and a ticket service provider.

123. (Previously presented) A method according to claim 75, wherein the ticket characteristic dynamically changes only after some user interaction based on an embedded algorithm in the active ticket and possible control data received from a ticket issuer.

124. (Previously presented) A mobile terminal according to claim 116, wherein the ticket characteristic dynamically changes only after some user interaction based on an embedded algorithm in the active ticket and possible control data received from a ticket issuer.

125. (Previously presented) A method according to claim 99, wherein the mobile terminal includes a centralized ticket manager for viewing and/or managing the tickets that a user has.

126. (Currently amended) A method according to claim 75, wherein the ticket characteristic dynamically changes based on an embedded algorithm driven by a control token sent by a ~~the~~ ticket service provider.

127. (Currently amended) A mobile terminal according to claim 116, wherein the ticket characteristic dynamically changes based on an embedded algorithm driven by a control token sent by a ~~the~~ ticket service provider.

128. (Previously presented) A method according to claim 99, wherein the ticket service provider includes a ticket inspector which may be a digital machine or human being for ticket verification on its validity and correctness.

129. (Previously presented) A method according to claim 75, wherein a number of ticket services support are managed at the same time or in series.

130. (Previously presented) A method according to claim 129, wherein one ticket service depends on a previous ticket service.

131. (Currently amended) Apparatus comprising:

means for ~~receiving~~ providing an active ticket in a mobile terminal for use by a mobile terminal user; and

means, in response to a control signal, for dynamically changing a ticket characteristic of the active ticket provided by the mobile terminal based on one or more states in a life cycle of the active ticket, where the ticket characteristic includes multimedia changes or other presentation data, including text, sound, animation, video, still pictures, or some combination thereof, for verification by a ticket inspector.

132. (Currently amended) Apparatus according to claim 131, wherein

the means for receiving is configured to provide a request for the active ticket ~~dynamic changes to the ticket characteristic include multimedia changes or other presentation data, including text, sound, animation, video, still pictures, or some combination thereof.~~

133. (Previously presented) Apparatus according to claim 131, wherein

the one or more states in the life cycle include a state of being either purchased, validated, invalidated, template, pre-valid, prepared, or some combination thereof for one or more different events.